

DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I declare that:

My residence, post office address and citizenship are as stated below next to my name; I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: MUTATED ANTHRAX TOXIN PROTECTIVE ANTIGEN PROTEINS THAT SPECIFICALLY TARGET CELLS CONTAINING HIGH AMOUNTS OF CELL-SURFACE MATRIX METALLOPROTEINASES OR PLASMINOGEN ACTIVATOR RECEPTORS, the specification of which was filed on 22 September 2000 as PCT International Application No. PCT/US00/26192, and which corresponding U.S. National Phase application is filed herewith.

I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56. I claim foreign priority benefits under Title 35, United States Code, Section 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

Country	Application No.	Date of Filing	Priority Claimed Under 35 USC 119
			Yes <input type="checkbox"/> No <input type="checkbox"/>
			Yes <input type="checkbox"/> No <input type="checkbox"/>

I hereby claim the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below:

Application No.	Filing Date
60/155,961	24 September 1999

I claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Application No.	Date of Filing	Status
		<input type="checkbox"/> Patented <input type="checkbox"/> Pending <input type="checkbox"/> Abandoned
		<input type="checkbox"/> Patented <input type="checkbox"/> Pending <input type="checkbox"/> Abandoned
		<input type="checkbox"/> Patented <input type="checkbox"/> Pending <input type="checkbox"/> Abandoned

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) of the Government of the United States of America as represented by the Secretary of the Department of Health and Human Services, Office of Technology Transfer, to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.


Robert Benson, Reg. No. 33,612
Steven M. Ferguson, Reg. No. 38,448
James C. Haight, Reg. No. 25,588
John P. Kim, Reg. No. 38,514

Susan S. Rucker, Reg. No. 35,762
David R. Sadowski, Reg. No. 32,808
Jack Spiegel, Reg. No. 34,477

Send Correspondence to Appointed Associate, Attorney or Agent Address: <u>Annette S. Parent</u> <u>TOWNSEND and TOWNSEND and CREW LLP</u> <u>Two Embarcadero Center, 8th Floor</u> <u>San Francisco, CA 94111-3834</u>	Direct Telephone Calls and Facsimiles to Appointed Associate Attorney or Agent: Name: Annette S. Parent Reg. No.: 42,058 Telephone: 415/576-0200 Fax: 415/576-0300
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Full Name of Inventor 1	Last Name <u>Leppa</u>	First Name <u>Stephen</u>	Middle Name or Initial <u>H.</u>	
Residence & Citizenship	City <u>Bethesda</u>	State/Foreign Country <u>Maryland</u> MD	Country of Citizenship <u>US</u>	
Post Office Address	Post Office Address <u>9501 Starmont Road</u>	City <u>Bethesda</u>	State/Country <u>MD</u>	Zip Code <u>20817</u>
Full Name of Inventor 2	Last Name <u>Liu</u>	First Name <u>Shi-Hui</u>	Middle Name or Initial	
Residence & Citizenship	City <u>Gaithersburg</u>	State/Foreign Country <u>Maryland</u> MD	Country of Citizenship <u>CN</u>	
Post Office Address	Post Office Address <u>14516 Settlers Landing Way</u>	City <u>Gaithersburg</u>	State/Country <u>Maryland</u>	Zip Code <u>20878</u>
Full Name of Inventor 3	Last Name <u>Netzel-Arnett</u>	First Name <u>Sarah</u>	Middle Name or Initial	
Residence & Citizenship	City <u>Gaithersburg</u>	State/Foreign Country <u>Maryland</u> MD	Country of Citizenship <u>US</u>	
Post Office Address	Post Office Address <u>17100 Dowing Street, #201</u>	City <u>Gaithersburg</u>	State/Country <u>Maryland</u>	Zip Code <u>20877</u>
Full Name of Inventor 4	Last Name <u>Birkedal-Hansen</u>	First Name <u>Henning</u>	Middle Name or Initial	
Residence & Citizenship	City <u>Bethesda</u>	State/Foreign Country <u>Maryland</u> MD	Country of Citizenship <u>DK</u>	
Post Office Address	Post Office Address <u>2 West Drive</u>	City <u>Bethesda</u>	State/Country <u>Maryland</u>	Zip Code <u>20814</u>
Full Name of Inventor 5	Last Name <u>Bugge</u>	First Name <u>Thomas</u>	Middle Name or Initial	
Residence & Citizenship	City <u>Bethesda</u>	State/Foreign Country <u>Maryland</u> MD	Country of Citizenship <u>DK</u>	
Post Office Address	Post Office Address <u>9802 Bristo Square Lane, #302</u>	City <u>Bethesda</u>	State/Country <u>Maryland</u>	Zip Code <u>20814</u>

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Title 18 of the United States Code, Section 1001 and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature of Inventor 1 	Signature of Inventor 2	Signature of Inventor 3
Stephen H. Leppla	Shi-Hui Liu	Sarah Netzel-Arnett
Date <i>13 Mar 2002</i>	Date	Date
Signature of Inventor 4	Signature of Inventor 5	
Henning Birkedal-Hansen	Thomas Bugge	
Date	Date	


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I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Title 18 of the United States Code, Section 1001 and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature of Inventor 1	Signature of Inventor 2 	Signature of Inventor 3
Stephen H. Leppla Date	Shi-Hui Liu Date <u>3/13/2002</u>	Sarah Netzel-Arnett Date
Signature of Inventor 4	Signature of Inventor 5	
Henning Birkedal-Hansen Date	Thomas Bugge Date	

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Signature of Inventor 1	Signature of Inventor 2	Signature of Inventor 3 
Stephen H. Leppla Date	Shi-Hui Liu Date	Sarah Netzel-Arnett Date <u>3/15/02</u>
Signature of Inventor 4	Signature of Inventor 5	
Henning Birkedal-Hansen Date	Thomas Bugge Date	

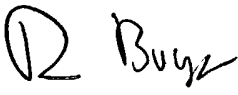
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Stephen H. Leppla	Shi-Hui Liu	Sarah Netzel-Arnett
Date	Date	Date
Signature of Inventor 4	Signature of Inventor 5	
Henning Birkedal-Hansen 03/30/02	Thomas Bugge	
Date <i>[Signature]</i>	Date	

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Signature of Inventor 1	Signature of Inventor 2	Signature of Inventor 3
Stephen H. Leppla Date	Shi-Hui Liu Date	Sarah Netzel-Arnett Date
Signature of Inventor 4	Signature of Inventor 5 	
Henning Birkedal-Hansen Date	Thomas Bugge Date <u>3/13/02</u>	

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